

## ABSTRACT

A medical wireless capsule-type endoscope system comprises a swallowable wireless capsule (A) and a portable image recorder (B). The capsule (A) includes image sensor (5), a microprocessor (6) for compressing image information into JPEG format, a RF transceiver module (13) and an antenna (10). The portable image recorder (B) includes an antenna (F), a RF transceiver module, and a microprocessor (14). The system also includes a wireless terminal end (G) which is connected to a medical imaging workstation (E) to exchange information between the system and the medical imaging workstation (E).